AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently Amended) A computer-implemented method for validating computer code, the method being executed by a computer and comprising:

providing a computer program by defining at least one set of definition instructions, at least one set of implementation instructions and at least a script code section, wherein the set of definition instructions includes a class having an object with a runtime function, and the set of implementation instructions includes an interface having a method;

validating the set of definition instructions and the set of implementation instructions using a validation tool, the validation tool determining whether the class is in compliance with the interface and whether the method of the interface can be used to execute the runtime function when the object is called during runtime execution of the computer program, wherein the determination is made before runtime execution of the computer program and during compilation of the computer program; and

validating the script code section using the set of implementation instructions.

2. (Currently Amended) The method according to claim 1, wherein the set of definition instructions are definition modules having a plurality of classes and the set of implementation instructions are implementation modules having a plurality of interfaces.

3. (Previously Presented) The method according to claim 1, wherein the set of definition instructions are converted into classes and the set of implementation instructions are converted into interfaces.

4. (Previously Presented) The method according to claim 3, wherein the set of definition instructions and the set of implementation instructions are described in XML.

5. (Previously Presented) The method according to claim 4, wherein the classes and the interfaces are defined in Java language.

6. (Previously Presented) The method according to claim 1, wherein the set of definition instructions is defined in a tree structure.

7. (Previously Presented) The method according to claim 1, wherein the script code section is JavaScript.

8. (Previously Presented) The method according to claim 1, wherein validating the script code section comprises generating a symbol table by executing the code section in an interpreter, and comparing the symbol table with the implementation instructions.

9. (Cancelled).

10. (Previously Presented) The method according to claim 1, wherein the set of implementation instructions is defined in a tree structure.

11. (Previously Presented) The method according to claim 1, wherein the set of definition instructions is defined in a first tree structure and the set of implementation instructions is defined in a second tree structure.

12. (Currently Amended) A computer readable medium that is readable by a processor, the computer readable medium comprising a set of instructions executable by the processor to perform a method for validating computer code, the method comprising:

defining a set of definition instructions including a class having an object with a runtime function;

defining a set of implementation instructions including an interface having a method;

defining a script code section;

validating the set of definition instructions and the set of implementation instructions using a validation tool by determining whether the class is in compliance with the interface and whether the method of the interface can be used to execute the runtime function when the object is called during runtime execution of the computer code, wherein the determination is made before runtime execution of the computer code and during compilation of the computer code; and

validating the script code section using the set of implementation instructions.

13. (Currently Amended) The computer readable medium according to claim 12, wherein the set of definition instructions are definition modules having a plurality of classes and the set of implementation instructions are implementation modules having a plurality of interfaces.

14. (Previously Presented) The computer readable medium according to claim 12, wherein the set of definition instructions are converted into classes and the set of implementation instructions are converted into interfaces.

15. (Previously Presented) The computer readable medium according to claim 14, wherein the set of definition instructions and the set of implementation instructions are described in XML.

16. (Previously Presented) The computer readable medium according to claim 15, wherein the classes and the interfaces are defined in Java language.

17. (Previously Presented) The computer readable medium according to claim 12, wherein the set of definition instructions is defined in a tree structure.

18. (Previously Presented) The computer readable medium according to claim 12, wherein the script code section is JavaScript.

19. (Previously Presented) The computer readable medium according to claim 12, wherein validating the script code section comprises generating a symbol table by executing the code section in an interpreter, and comparing the symbol table with the implementation instructions.

20. (Previously Presented) The computer readable medium according to claim 12, wherein the set of implementation instructions is defined in a tree structure.

21. (Previously Presented) The computer readable medium according to claim 12, wherein the set of definition instructions is defined in a first tree structure and the set of implementation instructions is defined in a second tree structure.